



#21

SEQUENCE LISTING

<110> Hammond, H. Kirk  
Giordano, Frank J.  
Dillmann, Wolfgang H.

<120> TECHNIQUES AND COMPOSITIONS FOR TREATING  
CARDIOVASCULAR DISEASE BY IN VIVO GENE DELIVERY

<130> 220002057125

<140> US 09/847,936

<141> 2001-05-03

<150> US 09/609,080

<151> 2000-06-30

<150> US 09/435,156

<151> 1999-11-05

<150> US 08/722,271

<151> 1997-12-29

<150> US 08/485,472

<151> 1995-06-07

<150> US 08/396,207

<151> 1995-02-28

<150> PCT/US00/30345

<151> 2000-11-03

<150> PCT/US99/02702

<151> 1999-02-09

<150> US 09/021,773

<151> 1998-02-09

<150> US 09/068,102

<151> 1998-04-30

<150> US 08/852,779

<151> 1997-05-06

<150> US 09/132,167

<151> 1998-08-10

<160> 16

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>  
 <223> PCR Primers  
  
 <400> 1  
 gcagagctcg tttagtgaac 20  
  
 <210> 2  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> PCR Primers  
  
 <400> 2  
 gaaaatgggt agagatatgc t 21  
  
 <210> 3  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> PCR Primers  
  
 <400> 3  
 atgagcttgt ccttcctcct c 21  
  
 <210> 4  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> PCR Primers  
  
 <400> 4  
 tcgtttctca gcagctggtg 20  
  
 <210> 5  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> PCR Primers  
  
 <400> 5  
 catctgaact caaagcgtgg 20  
  
 <210> 6  
 <211> 25  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Beta 9 - Beta 10 loop in FGF-1

<400> 6  
 Glu Asn His Tyr Asn Thr Tyr Ile Ser Lys Lys His Ala Glu Lys His  
 1 5 10 15  
 Trp Phe Val Gly Leu Lys Lys Asn Gly  
 20 25

<210> 7  
 <211> 23  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Beta 9 - Beta 10 loop in FGF-2

<400> 7  
 Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Thr Ser Trp Tyr  
 1 5 10 15  
 Val Ala Leu Lys Arg Thr Gly  
 20

<210> 8  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Beta 9 - Beta 10 loop in IL-1 Beta

<400> 8  
 Asn Asn Lys Leu Glu Phe Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile  
 1 5 10 15  
 Ser Thr Ser Gln Ala Glu  
 20

<210> 9  
 <211> 74  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> PCR Primers

<400> 9  
 cgaacgattg gaatctaata actacaatac gtaccgggtct gcgcagtttc ctaactggta 60  
 tgtggcactt aagc 74

<210> 10  
 <211> 76  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> PCR Primers

<400> 10  
 gtacgcttaa gtgccacata ccagtttagga aactgcgcag accggtacgt attgtagtta 60

ttagattcca atcggt

76

<210> 11

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primers

<400> 11

cgggatccgc ccatggcggg gcccgggacg gc

32

<210> 12

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primers

<400> 12

cggaattctg tgaagggtgt gatttccc

28

<210> 13

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primers

<400> 13

cggaattcat ggctgaagg gaaatcacc

29

<210> 14

<211> 65

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primers

<400> 14

gctctagatt aggcgtagtc tgggacgtcg tatgggtagc tcttagcaga cattggaaga  
aaaag

60

65

<210> 15

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> PCR Primers

<400> 15

Arg Lys Tyr Thr Ser



MAIL DATE CANCELLED



1

<210> 16

<211> 5

<212> PRT

<213> Articial Sequence

<220>

<223> PCR Primers

<400> 16

Ala Gln Phe Pro Asn

1

5